

Power Cost Memorandum Surcharge Change

Date: March 17, 2022

Utility Name (Cert. No.) Tanalian Electric Cooperative (447)	Utility File No. PC90-1118T	Date Filed: February 25, 2022
--	---------------------------------------	---

PCE AMOUNT SUMMARY	Previously Approved PC90-1118S <u>Date Approved:</u> February 18, 2022	Staff Recommended Amount(s) and Effective Date PC90-1118T March 18, 2022
Class Rate Residential	 \$0.4212	 \$0.4313
<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent		

Prior Fuel Purchase Price: \$ 3.9730	New Fuel Purchase Price: \$ 3.9730
<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted	<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted
Delivery Charge: \$189	Surcharge Change: Previous 0.1315 Updated 0.1767

Weighted Average Fuel Price/Gal. Calculation					
	<u>Gallons</u>		<u>Price</u>		
On-hand before deliv.	6,556	X	3.9730	=	26,047.28
Delivered	-	X		=	
	<u>6,556</u>				
				\$	<u>26,047.28</u>
					Weighted Average \$ 3.9730

Signed: Brenda Cox
Brenda Cox

Utility Financial Analyst

Commission decision re. this recommendation :

	Date (if different from 3/17/22)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Pickett		<u>RMP</u>		
Kurber		<u>KKT</u>		
Scott		<u>AGS</u> AGS		
Sullivan		<u>JS</u> JS		
Wilson		<u>JW</u> JW		

Special Instructions to Staff:

* If this column is initialed, Staff will contact the Commissioner for the statement. Otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

Tanalian Electric Cooperative

APPENDIX 1

POWER COST EQUALIZATION CALCULATION
BASED ON TEST PERIOD ENDING June 30, 2018
Surcharge Change

	PC90-1118S	PC90-1118T	
	Prior Commission Approval	Utility Request	Staff Recommended
A. Total kWh Generated	866,025	866,025	866,025
B. Total kWh Sold (Appendix 2)	793,477	793,477	793,477
C. Total Non-Fuel Costs (Appendix 2)	213,882	213,882	213,882
D. Non-Fuel Cost/kWh (C / B)	\$0.2696	\$0.2696	\$0.2696
E. Total Fuel Costs (Appendix 2)	305,316	305,316	305,316
F. Fuel Costs/kWh (E / B)	\$0.3848	\$0.3848	\$0.3848
G. Eligible Costs/kWh (D + F)	\$0.6543	\$0.6543	\$0.6543
H. Eligible Cost/kWh (G) Less 20.03 cents/kWh	\$0.4540	\$0.4540	\$0.4540
I. Lesser of (H) or 79.97 cents/kWh	\$0.4540	\$0.4540	\$0.4540
J. Average Class Rates (Appendix 3) Residential	\$0.4212	\$0.4664	\$0.4664
Class Power Cost Equalization Per kWh Payable			
K. Lesser of: (I) x 95% or (J) Residential	\$0.4212	\$0.4313	\$0.4313
L. Funding Level in Effect	100%	100%	100%
Residential	\$0.4212	\$0.4313	\$0.4313

PC90-1118T
Appendix 1

Tanalian Electric Cooperative

APPENDIX 2

SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY
BASED ON TEST PERIOD ENDING June 30, 2018
Surcharge Change

		PC90-1118S	PC90-1118T
		Prior Commission Approval	Per Utility Staff Recommended
Non-Fuel Costs:			
A. Personnel Costs		80,508	80,508
B. Operating Expense		6,275	6,275
C. General & Administrative		58,967	58,967
D. Depreciation		68,132	68,132
E. Interest Expense		-	-
F. Other (Interest Income)		-	-
G. Total Non-Fuel Costs		213,882	213,882
Fuel Costs:			
H. Gallons Consumed for Electric Generation		76,847	76,847
I. Wtd. Avg. Price of Fuel		\$3.9730	\$3.9730
J. Total Cost of Fuel		\$305,316	\$305,316
K. KWh Generated		936,760	936,760
L. kWh Sales		850,107	850,107
M. Station Service		22,670	22,670
N. Efficiency (K/H)	≥	Standard 11.5	12.19
O. Line Loss	≤	12%	6.83%
(kWh generated-(kWh sold + Station Service)/kWh generated)			

Weighted Average Fuel Price/Gal. Calculation

	Gallons		Price		
On-hand	6,556	X	3.9730	=	26,047.28
Delivered	-	X		=	
	<u>6,556</u>				<u>\$ 26,047.28</u>
					Weighted Average
					<u>\$ 3.9730</u>

PC90-1118T
Appendix 2

Tanalian Electric Cooperative

APPENDIX 3

Calculation of Average Class Rate per kWh

Rate Schedule: Residential

Customer Charge (CC): \$25.00

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)+ CC	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2003 (\$/kWh)
500	0.4400	0.1767	0.6167	333.35	0.6667	0.4664

500 333.35 0.6667 0.4664
TOTAL (A) (E)

Rate Schedule:

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2003 (\$/kWh)

TOTAL (A) (E)

Computation of Community Facilities Average Rate

Rate Schedule:

	(A) Rate (\$/kWh)	(B) Surcharge If Applicable (\$/kWh)	(C) Total Rate (\$/kWh) (A+B)	(7) Avg. Rate (\$/kWh) - 0.2003 (\$/kWh)
0 to ∞				
Next to				
Next to				
Next to				
Next to				

Signature: 

Email: bob.pickett@alaska.gov

Signature: 
Keith Kurber II (Mar 17, 2022 08:12 AKDT)

Email: keith.kurber@alaska.gov

Signature: 

Email: antony.scott@alaska.gov

Signature: 
Daniel Sullivan (Mar 17, 2022 11:04 AKDT)

Email: daniel.sullivan@alaska.gov

Signature: 
Janis W. Wilson (Mar 17, 2022 11:48 AKDT)

Email: janis.wilson@alaska.gov

PC90-1118T
Appendix 3